

## Legend

Fig. S1 Schematic of the micro nozzle fabrication apparatus

Fig. S2 Photo of the micro nozzle fabrication apparatus

Fig. S3 Photo of the micro nozzles with different inner diameter in 1.5cm of tape length

Fig. S4 Relation between the diameter of the micro nozzle in 1.5cm of tape length and time delay ( $t_3$ )

Fig. S5 Photo of the forging micro nozzle process (a) un-forged micro nozzle (b) forged micro nozzle

Fig. S6 Photo of glass micro nozzle filled with wax

Table S1 Parameters of micro nozzle for forging process

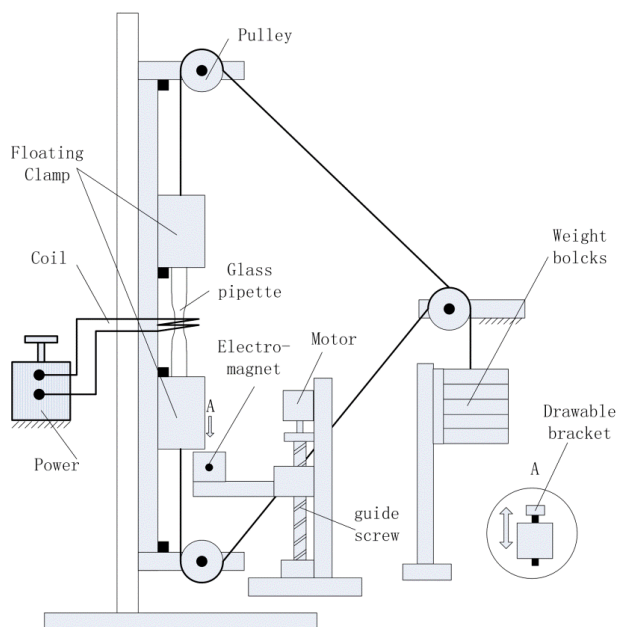


Fig. S1 Schematic of the micro nozzle fabrication apparatus

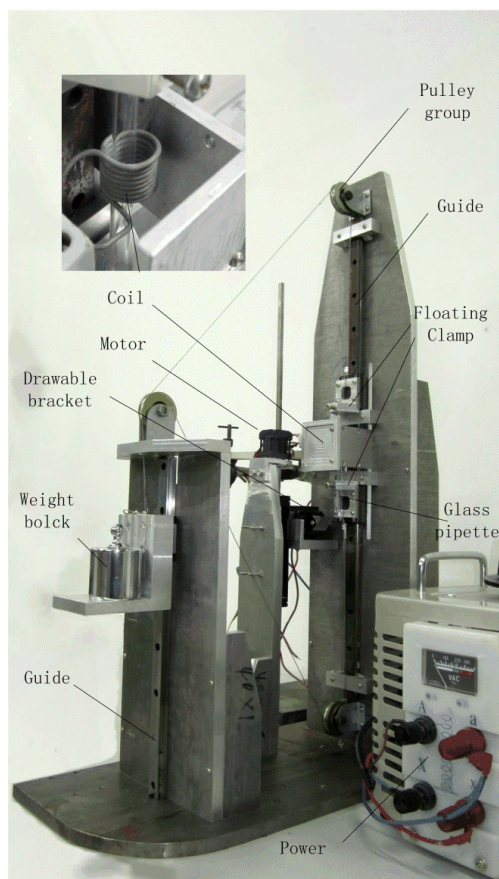


Fig. S2 Photo of the micro nozzle fabrication apparatus

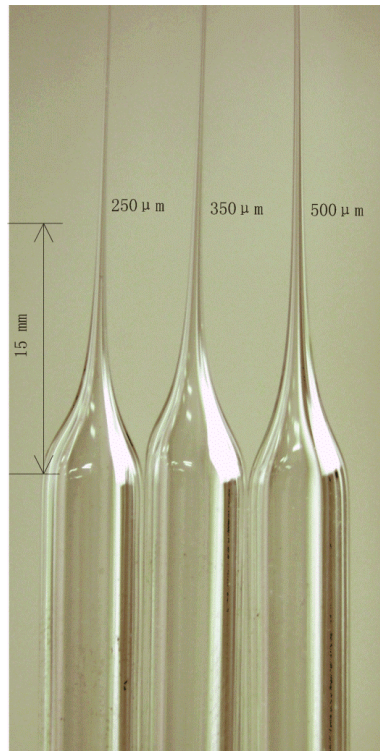


Fig. S3 Photo of the micro nozzles with different inner diameter in 1.5cm of tape length

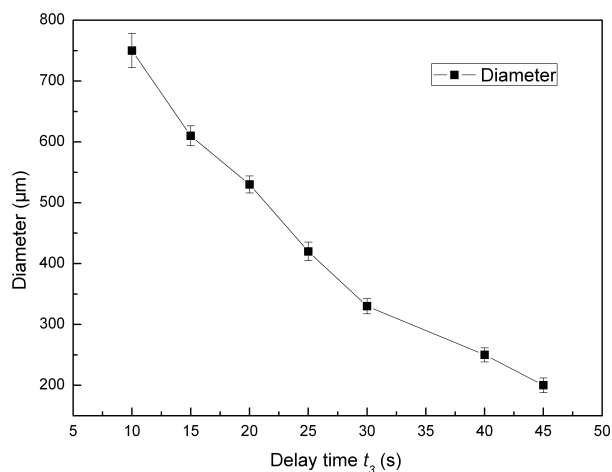


Fig. S4 Relation between the diameter of the micro nozzle in 1.5cm of tape length and time delay ( $t_3$ )

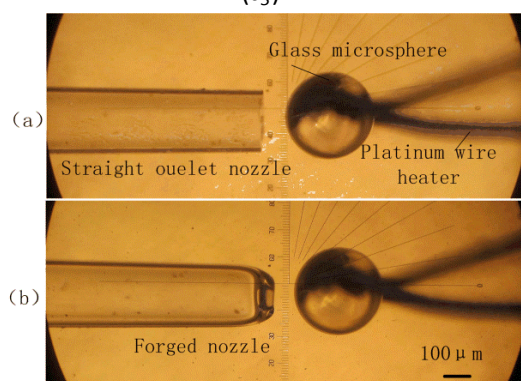


Fig. S5 Photo of the forging micro nozzle process (a) un-forged micro nozzle (b) forged micro nozzle

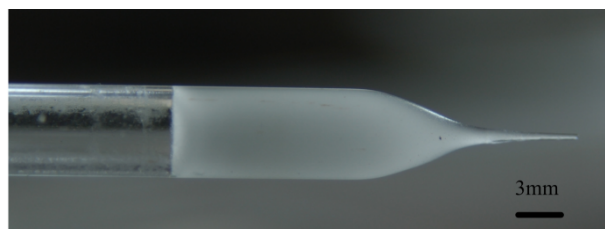


Fig. S6 Photo of glass micro nozzle filled with wax

Table S1 Parameters of micro nozzle for forging process

Diameter of straight outlet nozzle ( $\mu\text{m}$ ) $\pm 10$	Diameter after forging process ( $\mu\text{m}$ ) $\pm 5$
200	100
250	120

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300	150
400	200

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